



## Telecommunications Equipment Application

## APPLICANT INFORMATION

Name

Street

City

Zip Code

## INSTRUCTIONS

The primary purpose of telecommunications equipment loans is to provide incentive, through lower interest rates, to use telecommunications equipment to reduce energy consumption. A significant use of the equipment purchased must be to reduce energy consumption either through providing a more efficient method of transferring information, or through providing audio/video conferencing equipment to reduce travel costs.

**WHO MAY APPLY.** Any legal resident of Nebraska may apply for a Dollar and Energy Saving Loan. A legal resident is a person, who is domiciled in Nebraska or who has maintained a permanent residence and spent over six months in Nebraska or a Nebraska corporation, partnership or political subdivision.

**GETTING BIDS.** You need to get bids or quotes first, so you will have them available for your lender.

**TERMS.** Maximum loan amount is \$150,000 for a period not to exceed ten years. Minimum payments apply. Check with your lender for specific terms.

**WHERE TO FILE.** Take this completed form and the selected bids or quotes to your local lender for loan processing. If the lender of your choice is not participating in this program, contact the Nebraska Energy Office to receive the name of a participating lender in your area.

**FOR INFORMATION.** Contact the Nebraska Energy Office, P.O. Box 95085, Lincoln, NE 68509-5085, Phone 402-471-2867, Fax 402-471-3064.

**You may NOT contract for or undertake the project you propose in this application prior to the Energy Office signing a Commitment Agreement (FORM 10) with your lender to participate in the loan.**

**If you do so, you will lose your eligibility to finance the project with a low interest loan.**

You may accept a bid, contingent on the Energy Office's signed commitment of funding, to lock in the price, but you may not proceed with the work or contractually obligate yourself to proceed until your lender notifies you that the Energy Office has signed the Commitment Agreement on your loan.

## NETWORK ACCESS EQUIPMENT

- Channel Banks - a multiplexer which puts many slow speed voice or data conversations onto one high-speed link and controls the flow of those conversations.
- Channel Service Units (CSU) or Data Service Units (DSU) - a device used to connect a digital phone line coming in from the phone company to either a multiplexer, channel bank or directly to another device producing a digital signal.
- Communication Servers - an asynchronous server or asynchronous gateway which translates packetized signals of a local area network to asynchronous signals.
- Frame Relay Access Devices (FRAD) - units which receive

digital data from several sources and multiplexes these inputs into a single frame relay protocol data stream.

- Modems/Rack Modems - devices used to convert a digital signal into an analog signal and vice-versa (EPA Energy Star compliant).
- Multiplexers - device which allows two or more signals to pass over one communications circuit.
- Computers - where a significant use is as a telecommunications device (EPA Energy Star compliant).
- Hardware and wiring - necessary items to connect any of the above equipment to each other or to a common communications circuit such as the telephone system.

Describe network access equipment to be purchased:

Describe how this equipment will be used as a telecommunication device:

Describe how this equipment will reduce your current energy use:

Cost:

## VIDEO PRODUCTS — AUDIO Conferencing

- Portable Conferencing Units - equipment designed to connect three or more people into one phone conversations.
- Teleconferencing Bridges - a device which allows callers from several diverse locations to be connected together for an audio conference call.
- Still-Image Video Conferencing Units - units which allow full-color, broadcast quality, still images to be transmitted on standard phone lines.
- Video Conferencing Products - equipment which provides real-time, (usually) two-way transmission of digitized video images between two or more locations.
- Video Codecs - coder/decoder devices used to convert analog video signals to digital signals and vice-versa.
- Hardware and wiring - necessary items to connect any of the above equipment to each other or to a common communications circuit such as the telephone system.

Describe video products - audio conferencing equipment to be purchased:

Describe how this equipment will be used as a telecommunication device:

Describe how this equipment will reduce your current energy use:

Cost:

## OTHER EQUIPMENT

- Satellite Downlink Equipment or Satellite Uplink Equipment - equipment used for a microwave link which uses a satellite to receive, amplify and retransmit signals.
- Facsimile (FAX) Equipment - equipment which allows written or drawn material to be transmitted via the telephone system and printed elsewhere. (EPA Energy Star compliant)
- Cellular Telephone or Radio - a mobile radio system.
- Emergency Response Network Systems - 911 or E911 systems.
- Mobile Data Terminals - equipment used for mobile user data terminals.
- Microwave, Fiber-optic or Wireless Transmission Devices - equipment used to provide data services ranging from simple messages to sophisticated communications, i.e. paging; electronic mail; facsimile; real-time, interactive data communications and broadband communications.
- Hardware and wiring - necessary items to connect any of the above equipment to each other or to a common communications circuit such as the telephone system.

Describe other equipment to be purchased:

Describe how this equipment will be used as a telecommunication device:

Describe how this equipment will reduce your current energy use:

Cost:

## CERTIFICATIONS/SIGNATURE

I certify all the information supplied above is true and correct to the best of my knowledge and belief and that I will permit my lender and the Nebraska Energy Office, as they deem necessary, to have access to the subject property and records in order to make on-site inspections of the projects I am doing under the program. I also agree to respond to any follow-up survey conducted by the Nebraska Energy Office on my energy use, cost patterns and equipment performance. The work described above will be completed within 120 days after my lender receives a signed commitment from the Energy Office.

Signature

Date

**Take this completed form and the selected bids or quotes to your lender when you apply for your loan.**